



Technical Data Sheet

Crystalline Silica Free | 20mm

5151 Empira White

PROPERTY	TEST STANDARD	RESULTS
Water Absorption	ASTM C97 EN-14617-1	≤0.05%
Density	ASTM C97 EN 14617-1	≥2.1 gr/cm ³
Flexural Strength	ASTM C880/C880M-15 EN 14617-2	≥ 35 MPa ≥ 40 MPa
Dimensional Stability	EN 14617-12	Class A
Impact Resistance	EN 14617-9	> 4.9 L (J)
Freeze-thaw Resistance	ASTM C1026	No obvious damage after 20 freeze-thaw cycles
Stain Resistance	ANSI Z 124.6	Pass
Chemical Resistance	ANSI Z 124.6 EN 14617-10	Pass Class C ₄
Thermal Shock	EN 14617-6	No visual defects after 20 cycles
Boiling Water Resistance	ANSI NEMA LD3-3.5	No effect
High Temperature Resistance	ANSI NEMA LD3-3.6	No effect
Resistance to Fungi	ASTM G21	No fungi growth